

Product datasheet for **MC205789**

Pyroxd1 (NM_183165) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pyroxd1 (NM_183165) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pyroxd1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC027061 CGGCTAGAAAATAGCTGGAACCTTCACCAGTGTTCACTGCTGCCGCCAGCCCCGGGAACCATGGAGGCC CCGCGACCGGCAGGGACATTCGTGGTGGTAGGAGGTGGCATCGCTGGCGTCACGTGTGCCGAGCAGCTGG CTGTCAGTTTCCCAGAGGAAGACATTCTCTAGTCACAGCCTCTCTGTTATCAAAGCCGTTACAAACTT CAGACAGGTTTCTAAAGTACTGGAAGAATTTGATGTTGAAGAACAGCCAGGTATTATGCTGGAAAGTCGC TTTCCCAACATTAAGGTCATCGAATCTGGAGTAAAGCAGTTGAAGAGTGAAGACCATTGCATCTTCACAG AAGACGGTCGTGAGTTTGTATATAAGAACTCTGTCTGTGTGCTGGAGCTAAGCCAAAGTTAATCTACGA GGGAAATCCACGTGTACTGGGAATCCGTGATACAGACAGTGTCCAGGAATTTAGAAAGAGCTTGCAGAAA GCCAGGAGGATAATGATTGTCCGGAATGGCGGCATTGCTCTGGAGCTAGCGTATGAAATGAAGGCTGTG AAGTAGTTTGGCCATAAAGGATAACGCCATTGGAATACATTTTACGCGGGTGCAGCAGAGTTTCT GACTTCCAAGCTCATGTCTGAAAAATCAGAGGCTAAAACGCACATAAAAGAAGTATATACAGTTGAA GAAGCAAAGAAGGAAACCCAGAACCAATCTAAAGCTGATTATGTGGCAGTGCCTTGGACCAGACTGGC ACGGAGGCTTGGCTTTGAAAGGAACTGAAGAGTTTCTCACAGTGTTCACATTGAAACCAGATGTGAAGT AAAGAAAATCTACCTTGAAGAGGAATTTAAGATTATGAAGAAAAAGTCTTGGCTTTTCCAAAGGACCAC CATAAGTCAGTTACAGCTGATAAAGAAATGTGGCCTGTGTATGTGGAAGTACCAATGGGAAAATATACG GCTGTGATTTCTTGTGTCAGCGCTACAGGAGTACCCCAAACGTACACCCTTCTTTCATAGAAAACAATTT TGCTCTAGGAGAAGATGGCGGCCTGAGAGTGGATGACCAGATGCGCAGCTCACTTCTGATATCTATGCT GCTGGAGACATCTGCACTGCGTGTGGCAGCCGAGTCCAGTCTGGCAGCAGATGAGATTGTGGACACAGG CCCGGCAGATGGGGTATTATGCAGCCAAGTGCATGGCCGAGCTAGCATGGGACATCCTATTGACATGGA TTTCAGCTTTGAACTGTTTGTCTCATGTCAAAAGTTTTTAACTATAAGTTGTATTGCTGGGAAAATAC AACGCACAAGGCCTGGGCGCAGACCATGAGTTGATGCTGAGGTGCACCAGAGGACAAGAGTATGTCAAAG TCGTATGCAGAAATGGACGCATGATGGGAGCCGCTTAATTGGTGAACGGACTTAGAGGAAACATTTGA AAATTTAATCTTAAACCAATGGACCTTTCATCATACGGGGAGGATCTCCTAGATCCAAATATCGACATA GAGGATTATTTGATTGAAATGAAATCTTTCAGGAATACAAAGTACAAAAAAGAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_183165



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Insert Size:	1497 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC027061</u> , <u>AAH27061</u>
RefSeq Size:	1610 bp
RefSeq ORF:	1497 bp
Locus ID:	232491
UniProt ID:	<u>Q3TMV7</u>
Cytogenetics:	6 G2
Gene Summary:	Probable FAD-dependent oxidoreductase; involved in the cellular oxidative stress response (By similarity). Required for normal sarcomere structure and muscle fiber integrity (By similarity).[UniProtKB/Swiss-Prot Function]